

What is claimed is:

1. Apparatus for forming an arch in architectural panels of the type having an underside and side legs, the apparatus including a drive section and an arching section wherein each of said driving section and arching section comprises at least one roller and cooperating follower, said rollers being adapted to engaged the underside of said panels and said followers having a groove configured to accept said panel side legs and further comprising means for driving said panel through said apparatus.
2. The apparatus of claim 1 wherein said arching section roller is rotatable about an axis and further comprising link means pivotable about said axis, said link means supporting an arching section follower for rotation about said arching section roller axis.
3. The apparatus of claim 2 wherein there are two driving section rollers.
4. The apparatus of claim 2 wherein said panel driving means comprises means for rotating said driving section rollers.
5. The apparatus of claim 4 wherein there are two driving section

rollers.

6. The apparatus of claim 2 wherein said panel driving means comprises means for synchronously driving each of said rollers and followers.

7. The apparatus of claim 6 wherein there are two driving section rollers.

8. The apparatus of claim 7 wherein said architectural panel is a batten having a nose segment and extending side legs, said follower grooves generally corresponding to the configuration of said batten nose and side legs.

9. The apparatus of claim 2 wherein said architectural panel has a pan section and upstanding side legs, each of said driving section and arching section rollers having a set of two cooperating followers.

10. The apparatus of claim 9 wherein there are two driving section rollers.

11. The apparatus of claim 10 wherein said panel driving means comprises means for synchronously rotating said driving

section rollers.

12. The apparatus of claim 10 wherein said panel driving means comprises means for synchronously rotating said driving section and arching section rollers.

13. The apparatus of claim 9 wherein each set of cooperating followers rotate about a common axis and are movable relative to each other along said axis.

14. The apparatus of claim 9 wherein each set of cooperating followers rotate about a common shaft and float along that shaft to accommodate variations in side leg spacing along a panel.

15. The apparatus of claim 2 wherein said architectural panel has a non-rectangular pan section and non-parallel, upstanding side legs, each of said driving section and arching section rollers having a set of two cooperating followers.

16. The apparatus of claim 15 wherein each set of cooperating followers rotate about a common axis and are movable relative to each other along said axis.

17. The apparatus of claim 15 wherein each set of cooperating followers rotate about a common shaft and float along that shaft to accommodate variations in side leg spacing along a panel.

5

18. The apparatus of claim 17 further comprising means for synchronizing the movement of cooperating followers within a set along their common shaft.

19. The apparatus of claim 17 wherein the groove width of each of said followers is selectively alterable.

20. The apparatus of claim 17 further comprising means for setting initial follower positions.

21. The apparatus of claim 1 wherein the groove width of each of said followers is selectively alterable.

22. The apparatus of claim 1 wherein said followers comprise a first cylindrical member having a central bore and a second member having a hub and cylindrical flange, the hub being within the bore and the spacing between the flange and first cylindrical member selectively establishing the width of each follower groove.

23. The apparatus of claim 22 wherein said architectural panel has a pan section and upstanding side legs, each of said driving section and arching section rollers having a set of two cooperating followers.

24. The apparatus of claim 23 wherein each set of cooperating followers rotate about a common axis and are movable relative to each other along said axis.

25. The apparatus of claim 22 wherein each set of cooperating followers rotate about a common shaft and float along that shaft to accommodate variations in side leg spacing along a panel.